

Special Issue

Clinical Electrophysiology for Precision Diagnosis for Cardiology and Central Nervous System Diseases

Message from the Guest Editors

Electrophysiology constitutes the measurement of ionic flux, which can indicate whether a cell or tissue is healthy or sick. This approach is widely used and applied in cardiology. However, despite its high precision and speed in diagnosis, this technique is not widely explored in the clinic to aid in disease diagnosis and drug development innovation, or for other fields. This Special Issue focuses on, but is not restricted to, clinical electrophysiology as an approach to investigating signal transduction pathways involved in central nervous system diseases. Furthermore, research using artificial intelligence is encouraged, as this represents a rich array of tools and techniques that span multimodal analyses to high-dimensional data, in order to connect basic science data to clinical cases. The aim of this Special Issue is to take advantage of this distinguished opportunity to explore precise molecular targets for diagnosis strategies (cardiology, central nervous system diseases) and to coordinate the development of drugs for specific pathologies by focusing on the clinical electrophysiology platform.

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Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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